



Comment	Description	Footprint	Designator	Quanti ty
			C1, C11, C12, C13,	
			C15, C16, C17, C18, C19, C20, C21, C22,	
C0805, 10uF, 10V, X5R	C0805, 10uF, 10V, X5R	C0805	C23, C24	14
C0805, 10uF, 16V, X5R	C0805, 10uF, 16V, X5R	C0805	C2, C3, C10, C14 C4, C5, C6, C7, C8,	4
C0603, 100nF 50V	C0603, 100nF 50V	C0603	C9, C28	7
LD1117S50TR	IC REG LDO 0.8A 5V SOT223-4	SOT223_N	DA1	1
STM32F070CBT6	ARM® Cortex®-M0 STM32F0 Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 48-LQFP (7x7)	LQFP48_L	DD1	1
ST485EBDR	Transceiver RS485, 8-SOIC	SO-8_L	DD2, DD4	2
LD1117S33TR	IC REG LDO 0.8A 3.3V SOT223-4	SOT223_N	DD3	1
CP2102-GMR	IC USB-TO-UART BRIDGE 28VOFN	QFN28	DD5	
	4.7μH Shielded Multilayer Inductor 600mA 180mOhm			
MLZ2012N4R7LT000 FYLS-0805BUBC	0805 (2012 Metric)	L0805	L1, L2	2
	LED, blue, 0805	LED_0805_B	LED1, LED2, LED3, LED4, LED5, LED6, LED7, LED8, LED9, LED10, LED11, LED12, LED13, LED14, LED15, LED16	16
1123 00030000	EED, Dide, 0000	OLED Display	LEDIO	- 10
OLED Display 128x64 SSD1306 0.96	OLED Display 128x64 SSD1306 0.96	128x64 SSD1306 0.96	OLED1	1
HCPL-0601-500E	OPTOISO 3.75KV OPN COLLECTOR 8SO	SO-8_HCPL	PC1, PC2, PC3, PC4, PC5, PC6	é
			PC7, PC8, PC9, PC10,	
TLP291(GB-TP,SE	Photocoupler TLP291	TLP292	PC11, PC12, PC13, PC14	8
	·		R1, R5, R6, R7, R10,	
			R11, R20, R21, R24, R25, R28, R30, R39,	
R0603, 470R 1%	R0603, 470R 1%	R0603	R40, R47, R48	16
			R2, R15, R19, R29, R34, R43, R52, R58,	
			R62, R63, R65, R69,	
R0603, 2.74k 1%	R0603, 2.74k 1%	R0603	R73 R3, R4, R8, R12, R13,	13
	R0603, 10k 1%	R0603	R16, R17, R18, R22, R26, R27, R31, R32, R33, R35, R41, R42, R45, R49, R50, R55, R56, R57, R60, R64, R66, R67, R68, R70, R71, R72, R74, R75	33
R0603, 121R 1%	R0603, 121R 1%	R0603	R9, R23, R59, R61	4
R0603, 4.75k 1%	R0603, 4.75k 1%	R0603	R14, R36, R37, R38, R44, R46	6
R0805, OR_not_mount	R0805, 0R_not_mount	R0805	R51, R53, R54, R76, R77	5
IT-1102WC (6x6x8)	Horizontal Push Tact Switch	IT-1102WC	SW1, SW2, SW3	3
	Isolated Module DC DC Converter 1 Output 5V		,	
AM1SS-0505SJZ	200mA 4.5V - 5.5V Input	4-SIP (11.6x6x10.2)	TR1, TR2	2
PMEG3050EP	DIODE 5 A 30 V Schottky barrier rectifier	SOD 222	VD1, VD2	2
BAS16J,115 ESD5Z3.3T1G	Switching Diode 250MA 100V SOD323	SOD-323	VD3	1
230323.3110	TVS ESD SOD-523	SOD-523	VD4, VD5, VD6, VD7 VD8, VD9, VD10,	4
			VD11, VD12, VD13,	
SMAJ13CA-TR	TVS DIODE 13V 27.2V SMA	SMA	VD14, VD15, VD16, VD17, VD18, VD19	12
FDS4935A	Mosfet Array 2 P-Channel 30V 7A 8-SO	SO-8_L	VT1, VT4, VT7, VT10, VT13, VT16	é
	N-Channel 50V 220mA (Ta) 360mW (Ta) Surface Mount		VT2, VT3, VT5, VT6, VT8, VT9, VT11, VT12,	
BSS138	SOT-23-3	SOT-23	VT14, VT15, VT17	11
15EDGRC-3.5-02P-14-00AH + 15EDGK- 3.5-02P-14-00AH	Connector 15EDGRC-3.5-02P-14-00AH + 15EDGK-3.5- 02P-14-00AH	15EDGRC-3.5-02P- 14-00AH	XP1	1
	Connector PLS-4 (2.54mm x1)	PLS-4_not_mount	XP2, XP3, XP5	3
PL3-4_HOT_HOUHT	, ,	15EDGRC-3.5-04P-		
PLS-4_not_mount 15EDGRC-3.5-04P-14-00AH + 15EDGK-			XP4, XP9	2
	04P-14-00AH	14-00AH		
15EDGRC-3.5-04P-14-00AH + 15EDGK- 3.5-04P-14-00AH 15EDGRC-3.5-12P-14-00AH	04P-14-00AH 15EDGRC-3.5-12P-14-00AH + 15EDGK-3.5-12P-14-00AH	15EDGRC-3.5-12P- 14-00AH	XP7	1
15EDGRC-3.5-04P-14-00AH + 15EDGK- 3.5-04P-14-00AH	04P-14-00AH 15EDGRC-3.5-12P-14-00AH + 15EDGK-3.5-12P-14-00AH	15EDGRC-3.5-12P-		1